WEST Search History

DATE: Monday, April 26, 2004

Hide?	Set Name	Query	Hit Count
		DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L6	L4 and l1	0
☐	L5	L4	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L4	composite near2 (web?service or web service or e?service or 'e service')	12
☐	L3	l2 or 'e services'	4331
☐	L2	web?service or web service or e?service or 'e service'	4331
		DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ	
☐	L1	717/100-109.ccls.	1215

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1.   Document ID: US 20040078424 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 12   File: PGPB   Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040078424
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040078424 A1

TITLE: Web services via instant messaging

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yairi, Rahav	Arlington	MA	US	
Mahan, Michael	Tyngsboro	MA	US	

US-CL-CURRENT: <u>709/203</u>; <u>709/206</u>, <u>709/246</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | In |

☐ 2.   Document ID: US 20040030740 A1

L4: Entry 2 of 12   File: PGPB   Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030740
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040030740 A1

TITLE: Method and system for automating generation of web services from existing service components

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stelting, Stephen A.	Broomfield	CO	US	

US-CL-CURRENT: <u>709/201</u>

ABSTRACT:

A computer-based method for generating a Web service. The method includes identifying first and second service components for inclusion in the Web service, which includes locating available services using service detectors that use differing search techniques and displaying the located services to the user to allow the user to make a selection to identify the first and second service components. The method continues with generating a description or contract for the Web service defining service behavior including invoking rules. A transport structure is then created for accessing the new Web service such as a transmission envelope. The Web service is advertised as being available on the communications network including registering the Web service with a services registry linked to the communications network.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | In |

☐ 3. Document ID: US 20030191679 A1

PGPUB-DOCUMENT-NUMBER: 20030191679
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030191679 A1

TITLE: Method and system for event management in business processes

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	

US-CL-CURRENT: 705/8

ABSTRACT:

An event management method for a computer implemented business process system. The method includes the step of executing a plurality of events for representing a business process, the business process implemented by progressing through the events. A plurality of event nodes are executed for the business process, the event nodes defining points in the progress of the business process for communicating with an external process to exchange information. The business process is executed by sequentially executing the events, wherein the execution proceeds in accordance with the event nodes.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | In |

☐ 4. Document ID: US 20030144860 A1

PGPUB-DOCUMENT-NUMBER: 20030144860
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030144860 A1

TITLE: Dynamic conversation logic selection method and system

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	

US-CL-CURRENT: 705/1

ABSTRACT:

Method and system for dynamically selecting a conversation logic at run-time. First, a workflow/composite service engine maintains a repository that has at least one conversation logic. Each conversation logic may be associated to one or more services. At run-time, when the engine needs to execute a node in a work flow that has an unspecified service and an unspecified conversation logic, the engine sends a service selection query to an application (e.g., an e-services platform). Based on the service returned, the dynamic conversation logic selection mechanism selects an appropriate conversation logic from the repository. Entries in the conversation logic repository may be for the exclusive use of a given composite service or shared by two or more composite services.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In

☐ 5.   Document ID: US 20030120530 A1

L4: Entry 5 of 12   File: PGPB   Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030120530
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030120530 A1

TITLE: Method and system for performing a context-dependent service

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	

US-CL-CURRENT: 705/8

ABSTRACT:

A method and system for performing a context-dependent service is disclosed. In one method embodiment, the present invention accesses a composite service. The present invention further accesses context information. The present invention automatically incorporates the context information with the composite service.

☐ 6.   Document ID: US 20030097464 A1

L4: Entry 6 of 12   File: PGPB   May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030097464
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030097464 A1

TITLE: Distributed web services network architecture

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Martinez, Frank	La Canada	CA	US	
Toth, Paul Kevin	Daly City	CA	US	

US-CL-CURRENT: 709/238; 709/218

ABSTRACT:

Methods, apparatuses and systems facilitating deployment, configuration and maintenance
of web services networks. The present invention features a distributed web services
network architecture that, in one embodiment, leverages the functionality of existing
network infrastructure to provide a low cost, efficient and reliable web services
solution. The web services network architecture according to the present invention can
be implemented across any suitable computer network, including an intranet or the
Internet.

☐ 7.   Document ID: US 20030084142 A1

L4: Entry 7 of 12   File: PGPB   May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084142
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030084142 A1

TITLE: Method and system for analyzing electronic service execution

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	

Dayal, Umeshwar   Saratoga   CA   US

US-CL-CURRENT: <u>709</u>/<u>224</u>; <u>705</u>/<u>7</u>

ABSTRACT:

A method is disclosed for analyzing quality of an electronic service (e-service), such
as an Internet-based service, hosted by an e-service platform. The provider or separate
administrator defines quality of e-service execution by creating quality index records
stored in an e-service warehouse. The quality index records allow assigning quality
indexes to e-service execution based on specified parameters related to service
execution, such as parameters related to transaction duration. As e-services are
executed, service data is stored in a log. The service data is processed by an extract-
transfer-load (ETL) engine that transfers data from the log to the warehouse. The data
is mapped to quality indexes for analysis. The data can be viewed with a reporting tool,
such as a dedicated console or a commercially-available analysis tool. Using the tool,
the administrator can identify patterns corresponding to poor execution quality and can
attempt to resolve the problems. Classification and prediction models are also created
and stored to analyze past transactions and to predict behavior of future transactions.
The models can be used to re-design the e-service execution and/or can be used at run-
time to optimize e-service execution.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In

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☐ 8.   Document ID: US 20030028389 A1

L4: Entry 8 of 12   File: PGPB   Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028389
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030028389 A1

TITLE: Modeling toll for electronic services and associated methods

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	
Sayal, Mehmet	Sunnyvale	CA	US	

US-CL-CURRENT: <u>705</u>/<u>1</u>

ABSTRACT:

An electronic services modeling tool for <u>composite e-services and functionality, where a</u>
<u>composite e-service</u> is an e-service defined by composing other basic or <u>composite e-</u>
<u>services</u>. Implementation of an e-service for composing <u>e-services into a composite e-</u>
<u>service</u>. Characteristics of <u>composite e-services</u> and of their differences with respect
to traditional workflow-like composition. Definition of a composition model suitable for
e-services. Description of a prototype implementation, showing an approach that can be
Ad reused for implementing composition on top of any E-Services Platform. Providing

composition functionality as an e-service, to be used not only by the owner of the ESP, but also by any designer-user. A specific type of e-service, meta-service, called Composition E-Service, allows the definition, execution, management, and monitoring of composite e-services. A language used for specifying the composition. Architecture and implementation of the CES to deliver the service on top of an ESP.

☐ 9. Document ID: US 20030023450 A1

PGPUB-DOCUMENT-NUMBER: 20030023450
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030023450 A1

TITLE: Modeling tool for electronic services and associated methods and business

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Casati, Fabio	Palo Alto	CA	US	
Shan, Ming-Chien	Saratoga	CA	US	
Sayal, Mehmet	Sunnyvale	CA	US	

US-CL-CURRENT: 705/1

ABSTRACT:

An electronic services modeling tool for composite e-services and functionality, where a composite e-service is an e-service defined by composing other basic or composite e-services. Implementation of an e-service for composing e-services into a composite e-service. Characteristics of composite e-services and of their differences with respect to traditional workflow-like composition. Definition of a composition model suitable for e-services. Description of a prototype implementation, showing an approach that can be reused for implementing composition on top of any E-Services Platform. Providing composition functionality as an e-service, to be used not only by the owner of the ESP, but also by any designer-user. A specific type of e-service, meta-service, called Composition E-Service, allows the definition, execution, management, and monitoring of composite e-services. A language used for specifying the composition. Architecture and implementation of the CES to deliver the service on top of an ESP.

☐ 10. Document ID: US 20030009545 A1

PGPUB-DOCUMENT-NUMBER: 20030009545
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009545 A1

TITLE: E-service management through distributed correlation

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sahai, Akhil	Santa Clara	CA	US	
Ouyang, Jinsong	Roseville	CA	US	
Machiraju, Vijay	Mountain View	CA	US	

US-CL-CURRENT: <u>709/223</u>; <u>709/203</u>

ABSTRACT:

The management of end-to-end cooperation among multiple e-service providers is enabled in a distributed correlation manner by locally appending a tag to each outgoing document, with each tag uniquely identifying the transaction to which it is related and identifying management information. The tags are management information structures that are updated at each participating e-service provider. Consequently, in a succession of e-service providers, the parent e-service is furnished with management information for each of the participating e-services and is able to discern the contributions of each such e-service. The different providers maintain separate management information libraries which are used in registration and correlation processes.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | In |

□ 11. Document ID: US 20020184402 A1

PGPUB-DOCUMENT-NUMBER: 20020184402
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020184402 A1

TITLE: In-context access to relevant services from multiple applications and information systems by object schema traversal

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gangopadhyay, Dipayan	San Jose	CA	US	

US-CL-CURRENT: <u>719/315</u>; <u>709/203</u>

ABSTRACT:

Composite applications combine services from plurality of existing applications and information sources. Via user interface of such a composite application, an end-user wants to access different combinations of existing services in different usage contexts.

This invention describes a method and apparatus for dynamically combining existing services without having to program case-by-case for each usage context. In this method, one constructs and stores a graph of object types and relationships among parameters of existing services and the objects of a composite application. By traversing paths in the stored graph, the apparatus (1) dynamically constructs menus of services relevant to any usage context, (2) automatically computes necessary inputs to a service selected from a menu and executes the service, and (3) automatically propagates changes and invokes appropriate services whenever objects are updated. The net result is the avoidance of case-by-case programming done in the prior art to construct composite applications.

Subject Keywords: Composite Applications, Web Services Orchestration, Contextual User Interfaces, Mobile Applications, Personal Workflows.

☐ 12. Document ID: US 20030028389 A1

TITLE: Process definition specification compiling model for e-commerce and e-service, comprises flow diagram for sequencing service nodes as representation of process definition

INVENTOR: CASATI, F; SAYAL, M ; SHAN, M

PRIORITY-DATA: 2001US-0911980 (July 24, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030028389 A1	February 6, 2003		029	G06F017/60

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: US20030028389A
BASIC-ABSTRACT:

NOVELTY – The model comprises a flow diagram for sequencing service nodes as representation of process definition. Each service node is expandable into another flow diagram of method nodes. Each service node is executed by accessing e-service registered in e-service platform.

DETAILED DESCRIPTION – INDEPENDENT CLAIMS are also included for the following:

(1) computer tool;

(2) method for structuring individual registered e-services; and

(3) composite process execution method.

USE – For compiling specification of process definition used for developing e-commerce

and composite e-service such as

FoodOnWheels e-service and e-music service.

ADVANTAGE - Allows customers and service providers to monitor/track the execution of on-going instances as well as completed composite service executions. Allows modification or deletion of composite service definitions. Enables to design composite e-service easily. Manages authentication and exceptions at the appropriate level of abstraction easily.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of composition e-service compilation process.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw Desc | C |

Clear **Generate Collection** **Print** **Fwd Refs** **Bkwd Refs** **Generate OACS**

Terms	Documents
composite near2 (web?service or web service or e?service or 'e service')	12

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